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FIG. 1A PRIOR ART 1-12-

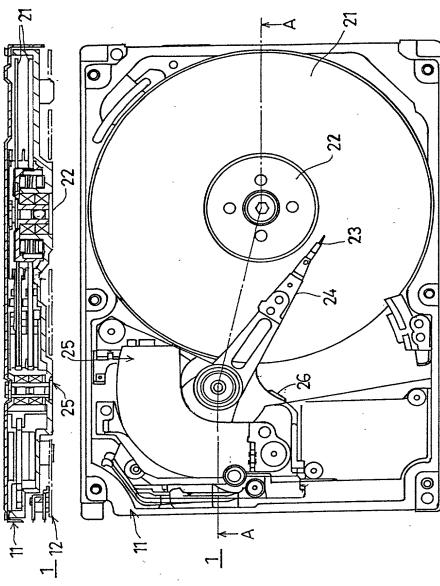
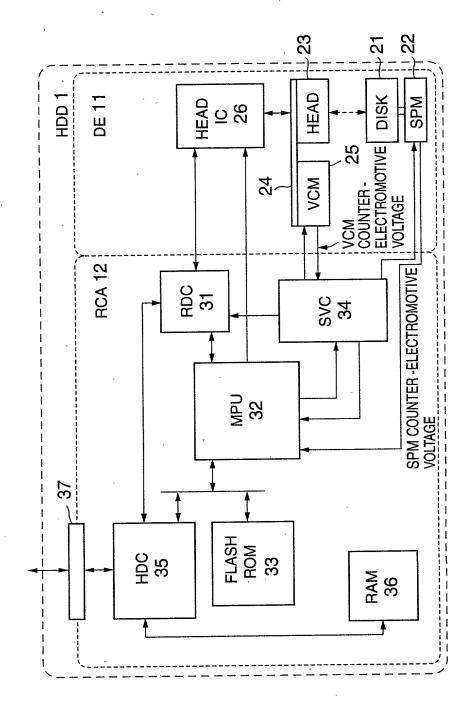
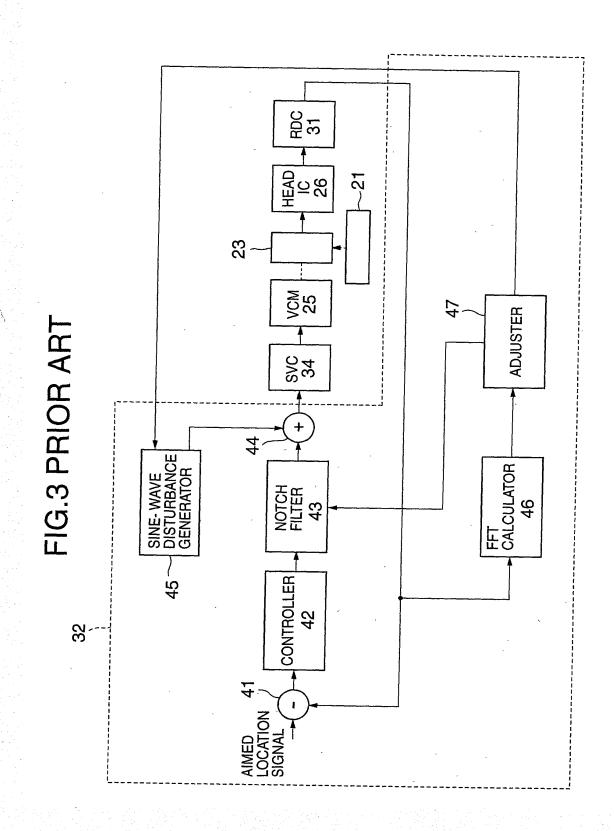


FIG. 1B PRIOR ART

FIG.2 PRIOR ART





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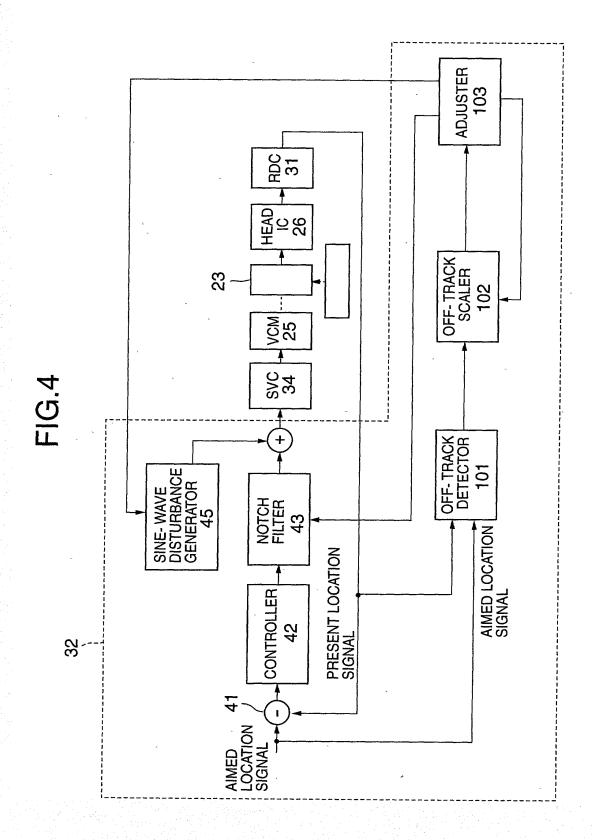


FIG.5

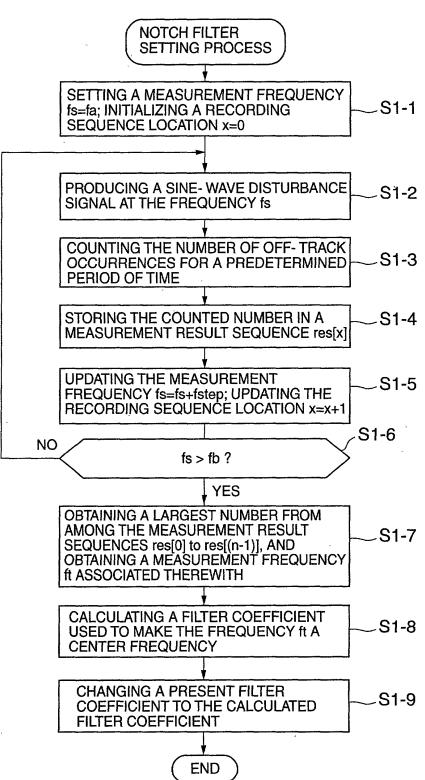
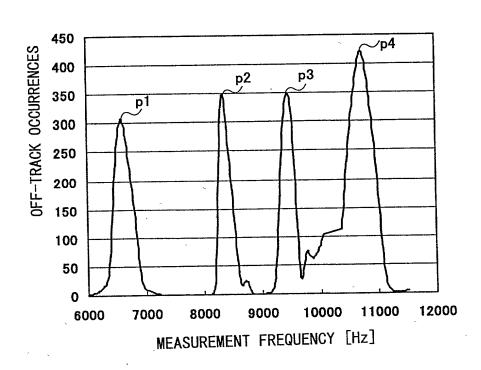
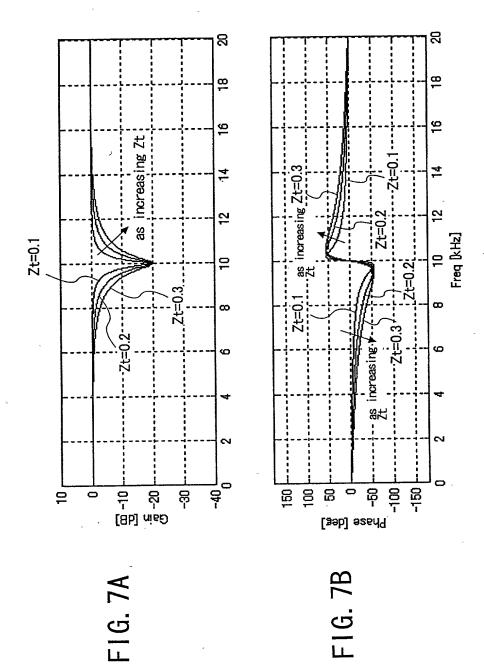
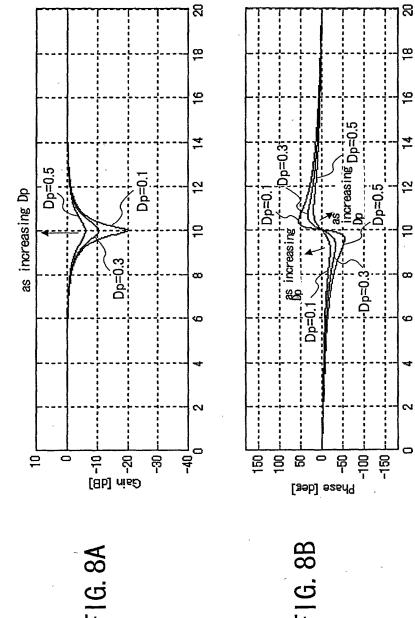


FIG. 6

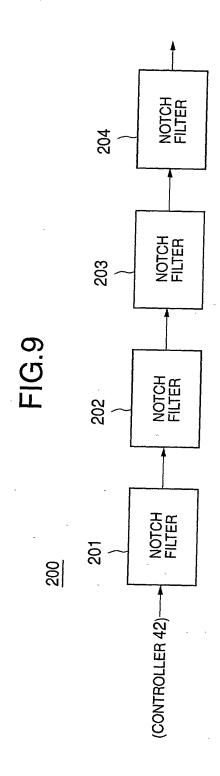


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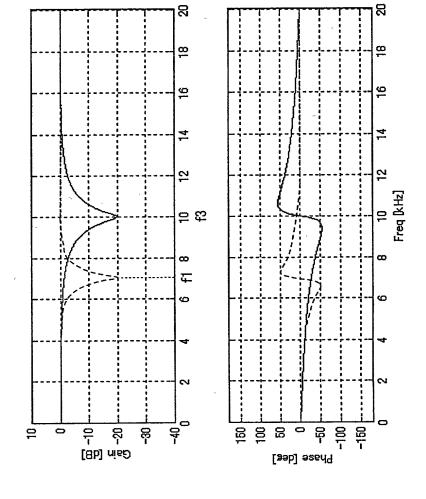




Freq [kHz]



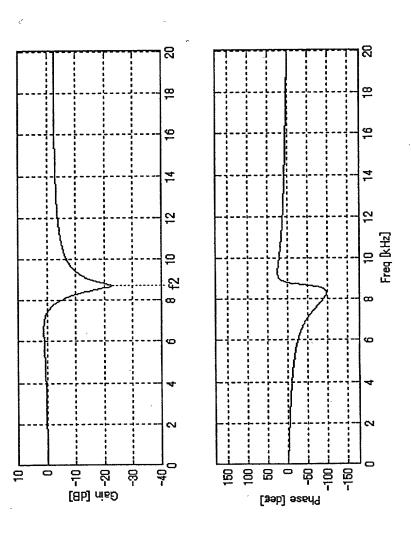
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F1G. 10A

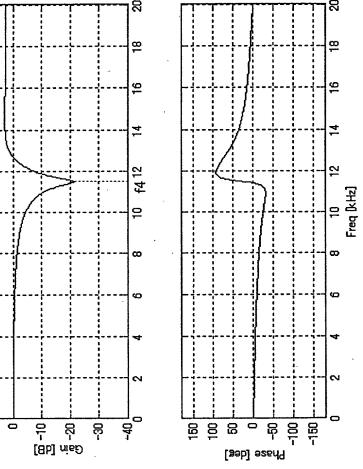
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F1G. 11A



F1G. 11B

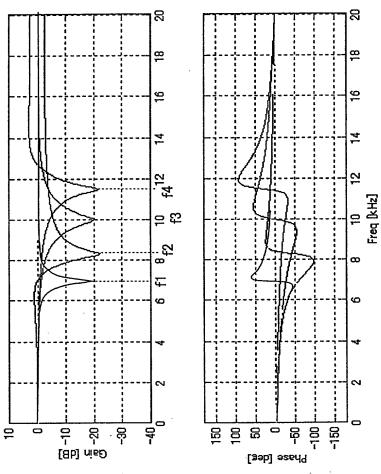
f4 12 5 (8b] nise 는 성 유 40 F1G. 12A

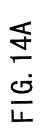


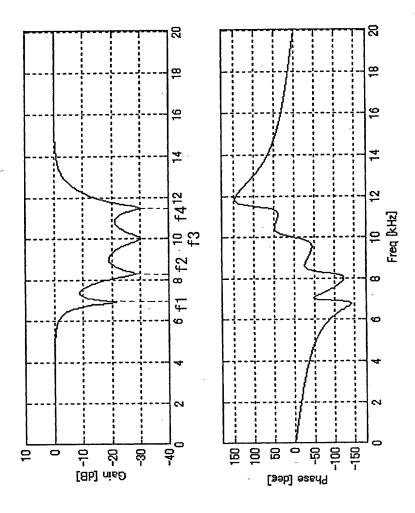
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RESONANCE-FREQUENCY MEASURING METHOD ... Yoshida et al. Greer, Burns & Crain, Ltd. (Patrick Burns) Ref. No. 0941.66127 Sheet 13 of 16 (312) 360 0080

FIG. 13A



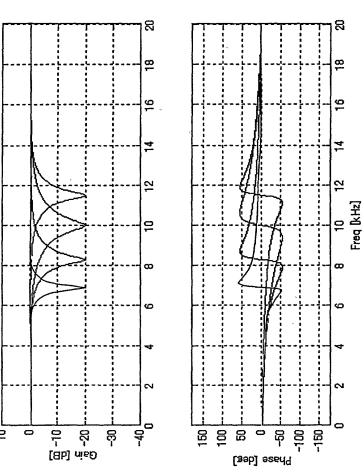




F1G. 14B

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RESONANCE-FREQUENCY MEASURING METHOD ... Yoshida et al. Greer, Burns & Crain, Ltd. (Patrick Burns) Ref. No. 0941.66127 Sheet 16 of 16 (312) 360 0080



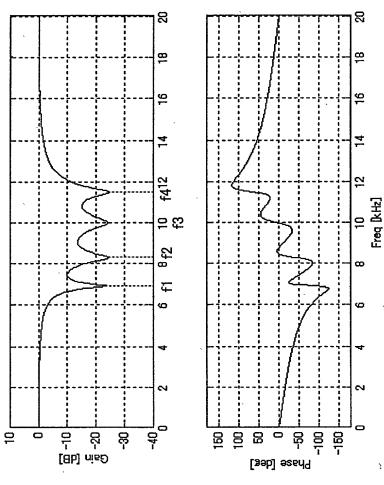


FIG. 16B